

The listing of the claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (Currently Amended). An anesthetic syringe having a feed piston that is longitudinally slidable within a carpule volume and that has a pressure plate which is connected to a first hydraulic chamber, ~~characterized in that~~ wherein a second hydraulic chamber is provided in the syringe behind the first hydraulic chamber, said second hydraulic chamber being connected to said first hydraulic chamber so as to allow for regulation of the flow resistance.

Claim 2 (Currently Amended). The anesthetic syringe as set forth in claim 1, ~~characterized by~~ comprising a separator piston that is disposed behind the second hydraulic chamber and that is slidably mounted so as to be capable of reducing the size of the second hydraulic chamber.

Claim 3 (Currently Amended). The anesthetic syringe as set forth in claim 2, ~~characterized in that~~ wherein the separator piston is slidably mounted so as to be capable of enlarging a pressurization space, displacement of said separator piston so as

to enlarge the pressurization space effecting a reduction in the size of the second hydraulic chamber.

Claim 4 (Currently Amended). The anesthetic syringe as set forth in claim 2, ~~characterized in that~~ wherein if the pressurization space is enlarged by displacing the separator piston the second hydraulic chamber is caused to become smaller by the same amount.

Claim 5 (Currently Amended). The anesthetic syringe as set forth in ~~any of the afore mentioned claims~~ claim 1, ~~characterized by~~ comprising a fitting for connecting a compressed gas supply to a pressurized space, more specifically by a receiving means for a gas cartridge.

Claim 6 (Currently Amended). The anesthetic syringe as set forth in ~~any of the afore mentioned claims~~ claim 1, ~~characterized by~~ comprising a slide valve capable of closing or opening an opening of a control hole between the first and the second hydraulic chamber.

Claim 7 (Currently Amended). The anesthetic syringe as set forth in claim 6, ~~characterized in that~~ wherein the slide valve

has a pressure plate that is connected to the first hydraulic chamber.

Claim 8 (Currently Amended). The anesthetic syringe as set forth in claim 6 ~~or 7, characterized in that~~ wherein a front element of the slide valve projects into the first hydraulic chamber.

Claim 9 (Currently Amended). The anesthetic syringe as set forth in ~~any of the claims 6 through 8~~ claim 6, ~~characterized in that~~ wherein the syringe comprises a key switch with a touch-sensitive surface that causes the control hole to open at least substantially parallel to the axis of movement of the slide valve when pressed.

Claim 10 (Currently Amended). The anesthetic syringe as set forth in ~~any of the afore mentioned claims~~ claim 1, ~~characterized in that~~ wherein a touch-sensitive surface of a key switch is disposed at least partially in a front half of the syringe.

Claim 11 (Currently Amended). The anesthetic syringe as set forth in ~~any of the claims 6 through 10~~ claim 6,

~~characterized in that~~ wherein an axis of movement of a slide valve is disposed perpendicular to a longitudinal direction of the syringe.

Claim 12 (Currently Amended). The anesthetic syringe as set forth in ~~any of the claims 6 through 11~~ claim 6, ~~characterized in that~~ wherein the slide valve is biased with a biasing force closing a control hole.

Claim 13 (Currently Amended). The anesthetic syringe as set forth in ~~any of the afore mentioned claims~~ claim 1, ~~characterized by~~ comprising an indexer piston that is connected to the first hydraulic chamber.

Claim 14 (Currently Amended). The anesthetic syringe as set forth in claim 13, ~~characterized in that~~ wherein a foot of the indexer piston projects into the first hydraulic chamber.

Claim 15 (Currently Amended). The anesthetic syringe as set forth in claim 13 ~~or 14~~, ~~characterized in that~~ wherein the indexer piston is slidably mounted so as to protrude at least partially from the housing of the syringe, with a limit stop for limiting the exit thereof being provided.

Claim 16 (Currently Amended). The anesthetic syringe as set forth in ~~any of the claims 13 through 15~~ claim 13, ~~characterized in that~~ wherein the indexer piston is mounted so as to be biased against an exit direction.

Claim 17 (Currently Amended). The anesthetic syringe as set forth in ~~any of the afore mentioned claims~~ claim 1, ~~characterized in that~~ wherein the syringe comprises a special receiving means for a cannula.

Claim 18 (Currently Amended). The anesthetic syringe as set forth in ~~any of the afore mentioned claims~~ claim 1, ~~characterized in that~~ wherein, in an inner end position, the feed piston completely lies within a feed cylinder.

Claim 19 (New). An anesthetic syringe especially as set forth in claim 1, having a feed piston that is longitudinally slidable within a carpule volume and that has a pressure plate which is connected to a first hydraulic chamber, the first hydraulic chamber being located behind the feed piston, wherein a second hydraulic chamber is provided in the syringe behind the feed piston, said second hydraulic chamber being connected to said first hydraulic chamber so as to allow for regulation of the flow resistance.

Claim 20 (New). An anesthetic syringe especially as set forth in claim 1, having a feed piston that is longitudinally slidable within a carpule volume and that is in use of the springe fed forward by a pressure in a first hydraulic chamber, wherein in a hydraulic system behind the first hydraulic chamber, there is a separator piston which protrudes into a pressure chamber and into a second hydraulic chamber, the separator piston being slidable so as to reduce the volume of one chamber and to enlarge the volume of the other chamber when being slid.

Claim 21 (New). An anesthetic syringe especially as set forth in claim 1, having a feed piston that is longitudinally slidable within a carpule volume, the first hydraulic chamber being connected to a second hydraulic chamber so as to allow for regulation of the flow resistance, comprising a slide valve, the slide valve being able to close or open a control bore between the first and the second hydraulic chamber, and a front element of said slide valve projects into said first hydraulic chamber.

Claim 22 (New). An anesthetic syringe especially as set forth in claim 1, having a feed piston that is longitudinally slidable within a carpule volume and that is connected to a hydraulic system with one or more hydraulic chambers, comprising an indexer piston which is connected to a hydraulic chamber, and

which makes the pressure in the hydraulic chamber optically recognizable, wherein a haptic feed-back is provided alternatively or additionally.